

Special Issue

Hypervalent Iodine Chemistry: Promise and Prospects

Message from the Guest Editor

Iodine atoms in organic compounds can easily take hypervalent forms, popularly used for oxidations and many bond-forming reactions. These hypervalent iodine reagents have become important in modern organic synthesis as greener alternatives to heavy metal oxidants because of their low toxicity, mild reactivity, high stability, easy availability and handling, ease of recovery and recyclability, etc.

This Special Issue will highlight recent opportunities and new concepts in hypervalent iodine reagents in organic synthesis and other applications for their continuous development in future studies. We welcome reviews and original research articles associated with recent achievements. Areas to be covered in this Special Issue may include but are not limited to the extension of the known synthetic strategy and reaction for the new construction of organic molecules and for application to useful organic compounds, i.e., bioactive molecules and organic materials.

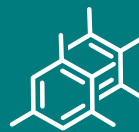
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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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